Title (en)

METHOD AND DEVICE FOR TRANSMITTING UPLINK CONTROL INFORMATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERTRAGUNG VON UPLINK-STEUERUNGSINFORMATIONEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE

Publication

EP 3783827 A4 20210818 (EN)

Application

EP 19808446 A 20190517

Priority

- CN 201810490602 A 20180521
- CN 2019087414 W 20190517

Abstract (en)

[origin: EP3783827A1] This application provides an uplink control information transmission method and a device, and relates to the field of communications technologies, to reduce an ACK/NACK feedback latency. The method includes: receiving, by a terminal, PDCCHs, where the PDCCH are used to schedule PDSCHs, and the PDCCHs include a first PDCCH set and a second PDCCH set; then, generating, by the terminal, a first codebook and a second codebook, where the first codebook corresponds to the first PDCCH set, the second codebook corresponds to the second PDCCH set, and the first PDCCH set and the second PDCCH set correspond to different values of codebook identification information of the PDCCHs; and finally, sending, by the terminal, the first codebook and/or the second codebook. This application is applicable to a process of feeding back an ACK/NACK.

IPC 8 full level

H04L 5/00 (2006.01); **H04L 1/18** (2006.01); **H04L 27/26** (2006.01)

CPC (source: CN EP US)

H04B 7/0456 (2013.01 - US); **H04L 1/1607** (2013.01 - CN); **H04L 1/1812** (2013.01 - CN); **H04L 1/1854** (2013.01 - EP); **H04L 1/1896** (2013.01 - EP); **H04L 5/0053** (2013.01 - EP); **H04L 5/0055** (2013.01 - CN); **H04L 5/0078** (2013.01 - EP); **H04L 5/0091** (2013.01 - EP); **H04L 25/03** (2013.01 - EP); **H04W 72/0446** (2013.01 - US); **H04W 72/1273** (2013.01 - US); **H04W 72/21** (2023.01 - US); **H04W 72/23** (2023.01 - CN); **H04W 72/56** (2023.01 - US); H04L 27/2602 (2013.01 - EP); H04W 72/21 (2023.01 - EP)

Citation (search report)

- [X] US 2017273056 A1 20170921 - PAPASAKELLARIOU ARIS [US]
- [X] INTERDIGITAL COMMUNICATIONS: "HARQ-ACK reporting for aggregation of up to 32 carriers", vol. RAN WG1, no. Fukuoka, Japan; 20150525 - 20150529, 24 May 2015 (2015-05-24), XP050967630, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/> [retrieved on 20150524]
- See also references of WO 2019223615A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3783827 A1 20210224; **EP 3783827 A4 20210818**; AU 2019273246 A1 20201126; AU 2019273246 B2 20220728; CN 110519027 A 20191129; CN 110519027 B 20201222; CN 112737738 A 20210430; US 11528734 B2 20221213; US 2021076405 A1 20210311; WO 2019223615 A1 20191128

DOCDB simple family (application)

EP 19808446 A 20190517; AU 2019273246 A 20190517; CN 201810490602 A 20180521; CN 2019087414 W 20190517; CN 202011423008 A 20180521; US 202017098721 A 20201116